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ADDRESS LETTERS TO:  
STATE SANITARY WATER BOARD  
SPRINGFIELD, ILLINOIS  
62704

CABOT CARBON CORPORATION - Tuscola Waste Hydrochloric  
Acid Disposal Well  
Permit 419 - SA-32

Robert L. Second  
Cabot Carbon Corporation  
125 High Street  
Boston, Massachusetts

EPA Region 5 Records Ctr.



298611

Attention: F. Scott Carpenter, Manager at Tuscola

Permit is hereby granted to Cabot Carbon Corporation, 125 High Street, Boston Massachusetts, to install and operate a deep well disposal facility for the disposal of hydrochloric acid waste and a term surrounding the hydrochloric acid holding tank at the Cabot Carbon Corporation Plant site P.O. Box 192, Tuscola Illinois (well location to be 174' north and 800' west of the SE corner of the SE quarter of the SW quarter of the SE quarter of Section 31 Township 1 N Range 6 E of W. 3rd principal meridian) Douglas County, Illinois with said wastes injected into St. Peter sand formation with bottom well depth of about 3550' all in accordance with plans and specifications submitted by William F. Blank, Illinois P.E. No. 26932 and W.M. Sargent Jr. Texas P.E. No. 20270. Engineers acting as consultant, said plans consisting of a bound booklet entitled "Cabot Corporation, Oxides Division, Tuscola, Illinois - Application for Permit to Dispose of Hydrochloric Acid in St. Peter Sand," received December 13, 1975, a revised copy of the "Proposed Plan for Hydrochloric Acid Disposal Well," received December 21, 1975, and a plant layout received January 12, 1976 and being made a part hereof.

SEE SPECIAL CONDITIONS ON PAGE 2

This permit is granted in accordance with the provisions of an "Act to establish a Sanitary Water Board and to control, prevent and abate pollution of the streams, lakes, ponds and other surface and underground waters in the State", approved July 18, 1951, and is subject to the following conditions:

1. If any statement or representation in the application is found to be incorrect, this permit may be revoked and the permittee thereupon waives all rights thereunder.
2. There shall be no deviations from the approved plans and specifications unless revised plans and specifications shall first have been submitted to the Sanitary Water Board and a supplemental written permit issued therefor.
3. During or after the construction or the installation of the sewage works, any agent duly authorized by the Board shall have the right and authority to inspect such work and its operation.
4. This authority: (a) shall not be considered as in any manner affecting the title to the premises upon which the sewage works are to be located, (b) does not release the permittee from any liability for damage to person or property caused by or resulting from the installation, maintenance or operation of the proposed sewage works, (c) does not take into consideration the structural stability of any units or parts of the project, and

- (d) does not release the permittee from compliance with stream channel requirements of the State Division of Waterways, with other applicable statutes of the State of Illinois, or with applicable local laws, regulations or ordinances.

5. This permit is void one year from date of issue unless installation of this project has started on or prior to date of expiration.

6. Rain water from roofs, streets and other areas, and ground water from foundation drains shall be excluded from the sewer system.

7. The installation shall be made under the supervision of an inspector provided by or approved by the operating agency.

8. Treatment works will be operated or supervised by a duly qualified sewage works operator Certified under the Regulations of the Sanitary Water Board.

Clarence W. Klassen  
Technical Secretary

RAL:jar

cc: ECRD; Will F. Blank Engr; W.M. Sargent Jr Engr; F.Scott Carpenter; Cabot Corp-Tuscola

CABOT CARBON CORPORATION - Tuscola Waste Hydrochloric  
Acid Disposal Well  
Permit #1960-EA-32

Special condition - Permit to install and operate waste disposal well.

This permit is issued on the basis that:

1. As built plan documents will be submitted by Cabot Carbon Corporation to this Board upon completion of construction of the facilities. Also if there is any change from the proposed piping, valving or casing of the well Cabot Carbon Corporation shall notify this Board.
2. The area outside the berm around the proposed acid disposal well shall be supplied with an adequate means of catching any acid spill from pipe line leak or other type of spillage and returning this spilled acid to the holding area inside the berm.

P.S. to region: Project consists of a deep disposal well with approximately 3500' of 5 $\frac{1}{2}$ " OD steel pipe, 300' of 4 $\frac{1}{2}$ " OD fiber glas epoxy heavy duty pipe for casing, 2" epoxy fiber glas disposal pipe of approximately 3900', and a 3' high berm holding area with capacity of about 400,000 gallons. See well sketch in booklet for more details.